

GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

INTRODUCTION

This summary is a companion piece to the <u>Vaccines Required charts</u> for child care/preschool and school attendance. The purpose of the summary is to assist school nurses and those working with student information systems to understand the immunization requirements as well as the immunization schedule based on the recommendations of the Advisory Committee on Immunization Practices.

Each vaccine requirement is listed in alphabetical order. In each section, you will find detailed information about the immunization schedule and the exceptions to the schedule which may happen when medical errors occur or when the ACIP recommendations are not followed.

For more information about the ACIP schedules, go to these websites:

- Recommended immunization schedule for persons 0-6 years of age
- Recommended immunization schedule for persons 7-18 years of age
- Catch-up schedule for persons aged 4 months-18 years of age



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

DIPHTHERIA, TETANUS, PERTUSSIS (DTaP, DT, Td, Tdap)

All students entering child care/preschool and kindergarten through 12th grades must get vaccinated against diphtheria, tetanus, and pertussis.

Routine schedule for DTaP vaccine: 2 months, 4 months, 6 months, 15-18 months, and 4-6 years of age. Routine schedule for Tdap vaccine: 1 dose for everyone ≥11 years of age.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before	(on or before last	(on or before	(on or before last	(on or before last
	last day of mo 2)	day of mo 4)	last day of mo 6)	day of mo 15)	day of mo 18)
Diphtheria, Tetanus, Pertussis (DTaP/DT)	1 dose	2 doses		oses rly as 6 months.	4 doses May get 4 th dose as early as 12 months as long as 6 months separate dose 3 and dose 4.

VACCINE	Kindergarten-2 nd Grade	3 rd 5 th Grade	6 th Grade	7 th -12 th Grade
DIPHTHERIA, TETANUS AND PERTUSSIS (DTaP/DT/Td/Tdap)		5 doses (4 doses	s if 4 th dose given <u>></u> 4 1 dose Tda IF <u>></u> 11 yea	p required for 6 th -12 th grade



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DIPHTHERIA, TETANUS, PERTUSSIS (DTaP, DT, Td, Tdap)

Rules of Vaccination and Exceptions

DTaP/DT

- Use DTaP to complete the vaccination series for students through age 6.
 - Separate Doses 1, 2, and 3 by ≥4 weeks. Dose 4 must be given ≥12 months of age. Dose 5 must be given ≥4 years.
 - Exception: Dose 5 not required if Dose 4 given at age ≥4 years.
 - o Minimum interval between Dose 3 and Dose 4 = ≥6 months.
 - Exception: Dose 4 need not be repeated if there is at least 4 months minimum interval from dose 3.
 - o At least >6 months must separate Dose 4 and Dose 5.
- Exceptions
 - o If Tdap is given instead of DTaP for Dose 1, Dose 2, or Dose 3, repeat these doses with DTaP.
 - o Consider valid any Tdap used instead of DTaP for Dose 4 or Dose 5.
 - An inadvertent dose of DTaP given to students age 7 or older can be counted as valid for the one-time Tdap.
- Use DT instead of DTaP when a student has a valid contraindication to pertussis vaccine (i.e., severe allergic reaction). Make sure to file a medical exemption.
 - If a student got Dose 1 of DT at <12 months of age, 4 total doses complete the series. If a student got Dose 1 of DT at ≥12 months of age, 3 doses (third dose a minimum of 6 months after the second) complete the series.
- Acceptable: 4-day grace period.



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DIPHTHERIA, TETANUS, PERTUSSIS (DTaP, DT, Td, Tdap)

Rules of Vaccination and Exceptions

Td/Tdap

- Two brand names of Tdap vaccine exist: Adacel®, approved for adolescents ≥11 years old, and Boostrix®, approved for adolescents ≥10 years old.
- Tdap required for 6^{th} grade and **IF** the student is \geq 11 years of age.
- Students in 6th to 12th grades required to get one dose of Tdap for school year 2013-2014.
- Tdap can be given regardless of the interval since the last dose of DTaP or Td. Students do NOT need to wait 5 years to get Tdap after a dose of DTaP or Td.
- Required: students 7-10 years of age not fully vaccinated with the childhood DTaP vaccine series must get one Tdap vaccine followed by additional doses of Td if needed.
 - o Fully vaccinated means 5 doses of DTaP (exception: 4 doses of DTaP if Dose 4 given on or after 4 years of age).
 - Students who got Tdap between 7-10 years of age do not need to repeat the vaccine; this counts for the Tdap requirement for 6th grade entry.
- Required: students >7 years of age who got a Td instead of a Tdap must get a dose of Tdap.
- A student ≥7 years of age who has not received any DTaP/DT vaccines must get one dose of Tdap followed by 2 doses of Td.
 - o >4 weeks must separate Dose 1 and Dose 2.
 - o ≥6 months must separate Dose 2 and Dose 3.
- Catch-up immunization schedule with Tdap and Td for students ≥7 years of age not fully vaccinated with DTaP:
 - If DTaP Dose 1 given <12 months of age, 4 total doses needed (combination of DTaP, Tdap, or Td; as long as Tdap is included): 4 weeks interval between Dose 1 and Dose 2, and Dose 2 and Dose 3; 6 months interval between Dose 3 and Dose 4
 - o If DTaP Dose 1 given ≥12 months of age, 3 total doses needed (any combination of DTaP, Tdap, or Td; as long as Tdap is included): 4 weeks interval between Dose 1 and Dose 2, and 6 months interval between Dose 2 and Dose 3
- Exception: students who got a Tdap instead of DTaP for Dose 4 or Dose 5 do not need a Tdap for 6th grade entry.
- Tdap licensed for just one dose. Td recommended, but not required, for future booster doses every 10 years.
- Students with history of documented pertussis disease:
 - Must continue with a series of pertussis-containing vaccines. Pertussis disease does not provide lifelong immunity.
 - o Must get a single dose of Tdap upon entering 6th grade. There is currently no acceptable proof of immunity for pertussis by lab work.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

HEPATITIS B

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against hepatitis B.

Routine schedule for hepatitis B vaccine: birth, 2 months, and 6-18 months of age.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before last	(on or before last	(on or before last	(on or before last	(on or before last
	day of mo 2)	day of mo 4)	day of mo 6)	day of mo 15)	day of mo 18)
Hepatitis B	1 dose May get dose 1 at birth.	2 doses May get dose 2 as early as 1 month.		3 doses	

VACCINE	Kindergarten-2 nd Grade	3 rd 5 th Grade	6 th Grade	7 th -12 th Grade
Hepatitis B	_	doses iven <u>></u> 24 weeks of a	ge	3 doses Dose 3 must be given <u>></u> 4 months of age



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

HEPATITIS B

- Minimum age and interval requirements changed for school year 2013-2014.
- Students in K-6th grade
 - o 4 weeks between Dose 1 and 2
 - o 8 weeks between Dose 2 and 3
 - o 16 weeks between Dose 1 and 3
 - o Minimum age for Dose 3 is 24 weeks
- Students in 7th-12th grade
 - o 4 weeks between Dose 1 and 2
 - o 8 weeks between Dose 2 and 3
 - o No minimum interval between Dose 1 and 3
 - o Minimum age for Dose 3 is 4 months
- Number of doses required to complete the series depends on the formulation of vaccine used:
 - Students 11-15 years of age who got the adult formulation Recombivax HB only need 2 doses separated by at least ≥4 months.
 - o Parent must give documentation of the adult Recombivax HB.
- Acceptable: 4-day grace period.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

HAEMOPHILUS INFLUENZAE TYPE B (Hib)

Children less than 5 years of age attending a preschool or a licensed child care facility must get vaccinated against *Haemophilus influenzae* type b (Hib).

Routine schedule for Hib vaccine: 2 months, 4 months, 6 months, and 12-15 months of age.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before	(on or before	(on or before	(on or before last	(on or before last
	last day of mo 2)	last day of mo 4)	last day of mo 6)	day of mo 15)	day of mo 18)
Haemophilus influenzae type B (Hib)	1 dose	2 doses	3 doses	4 do	oses*

^{*}If all 3 doses of PedvaxHIB given, only need 3 doses total

School Entry

Hib vaccine is not required for school entry in Washington State.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

HAEMOPHILUS INFLUENZAE TYPE B (Hib)

- Hib vaccines include: PRP-T (ActHib®, Hiberix®, OmniHib®) and PRP-OMP (PedvaxHib®)
- The recommended immunization schedule for Hib vaccines:

Vaccine	2 Months	4 Months	6 Months	12-15 Months
PRP-T* (ActHib)	Dose 1	Dose 2	Dose 3	Booster
PRP-OMP (PedvaxHIB)	Dose 1	Dose 2		Booster

^{*}Hiberix brand PRP-T vaccine is approved only for the last dose of the Hib series among children 12 months of age and older

- Hib vaccine not recommended for children >5 years of age.
- Minimum age for Dose $1 = \ge 6$ weeks.
- Recommended interval between doses in the primary series = ≥8 weeks
 - o Exception: minimum interval = ≥4 weeks
- Children who only got PedvaxHib® need a total of 3 doses.
- If a child got different brands of Hib vaccine at 2 and 4 months of age, a third dose of either brand needed at 6 months of age to complete the primary series.
- A booster dose recommended at 12–15 months regardless of which vaccine used for the primary series.
 - The final booster dose should be given no earlier than age 12 months and a minimum of 8 weeks after the previous dose.
- Exceptions:
 - Unvaccinated children 7 months of age and older may not require a full series of three or four doses. The number of doses a child needs to complete the series depends on the child's current age.
 - Any previously unvaccinated child aged 15 through 59 months need to get only dose of vaccine.
 - Three doses total for catch-up if 2 doses given before 12 months and Dose 3 given ≥12 months.
 - Two doses total for catch-up if Dose 1 given ≥12 months and Dose 2 given ≥15 months of age.
 - See Hib Doses Required chart on next page for how many total doses required.
- Acceptable: 4-day grace period.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

HAEMOPHILUS INFLUENZAE TYPE B (Hib)

Hib Doses Required Chart

The final booster dose should be given no earlier than age 12 months and a minimum of 8 weeks after the previous dose

Doses before age 12 months	Doses on or after age 12 months	Status
3	1	Complete
2	1	Complete
1	1	Needs 1 Booster Dose (If Last Dose Given Before 15 Months)
0	1	Needs 1 Booster Dose (If Last Dose Given Before 15 Months)
4	0	Needs 1 Booster Dose
3	0	Needs 1 Booster Dose
2	0	Needs 1 Booster Dose
1	0	Needs 1 Booster Dose
0	0	Needs 1 Dose (At least 15 months of age)

Thanks to Jane Sheldon, RN, Immunization Coordinator and TB Control, Lewis County Public Health & Social Services, for the development of this useful chart.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

MEASLES, MUMPS, RUBELLA (MMR)

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against measles, mumps, and rubella.

Routine schedule for MMR vaccine: 12-15 months and 4-6 years of age.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before	(on or before	(on or before	(on or before last	(on or before last
	last day of mo 2)	last day of mo 4)	last day of mo 6)	day of mo 15)	day of mo 18)
Measles, Mumps, Rubella (MMR)	Not given before 12 months of age.			1 d	lose

VACCINE	Kindergarten-2 nd Grade	3 rd -5 th Grade	6 th Grade	7 th -12 th Grade
Measles, Mumps, and Rubella		2 doses		



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

MEASLES, MUMPS, RUBELLA (MMR)

- Acceptable: Blood test showing immunity to measles, mumps, or rubella.
- Not acceptable: A history of measles, mumps, and rubella without proof of immunity.
- Can use MMR or MMRV (measles, mumps, rubella, and varicella) vaccine to complete the vaccination series.
 - o MMRV schedule = 12-15 months and 4-6 years of age.
- Minimum interval between all doses of MMR = ≥4 weeks.
- Minimum age for Dose 1 = ≥12 months.
- Minimum age for Dose $2 = \ge 13$ months.
- If Dose 1 given <12 months of age, dose not valid and student must repeat dose. Acceptable: 4 day grace period.
- If not given on the same day, the minimum interval between MMR and other live virus vaccines
 ≥28 days.
 - The second vaccine given is not valid and should be repeated
- 4-day grace <u>DOES</u> apply between doses of the same live vaccine such as MMR/MMR or MMRV/MMRV. The 4 day grace period <u>DOES NOT</u> apply between Dose 1 and Dose 2 of different live vaccines if not given at the same time, such as between MMR and Varicella or MMR and live flu vaccine.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

PNEUMOCOCCAL CONJUGATE (PCV)

Children less than 5 years of age attending a licensed child care facility or preschool must get vaccinated against pneumococcal disease.

Routine schedule for PCV vaccine: 2 months, 4 months, 6 months, and 12-15 months of age.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before last				
	day of mo 2)	day of mo 4)	day of mo 6)	day of mo 15)	day of mo 18)
Pneumococcal Conjugate (PCV7 or PCV13)	1 dose	2 doses	3 doses	4 do	oses*

^{*}Some children may get 5 total doses. A single supplemental dose of PCV13 is recommended, but not required, for all children aged 14–59 months who got 4 doses of PCV7.

School Entry

PCV is not required for school entry in Washington State.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

PNEUMOCOCCAL CONJUGATE (PCV)

- PCV13 replaced PCV7 as the routinely recommended vaccine in 2010.
- One additional dose of PCV13 recommended, but not required, for a child who completed a series with PCV7.
- PCV not recommended for children ≥5 years of age.
- Minimum interval between doses given to child <12 months of age = ≥4 weeks.
- Minimum interval between doses given to child ≥12 months of age = ≥8 weeks.
- Minimum interval of >8 weeks between Dose 3 and Dose 4.
- Exceptions:
 - o One dose total required if between 24 through 59 months of age, unless high risk.
 - o Two doses total required if both received between 12-24 months, given ≥8 weeks apart.
 - Three doses total required if only 2 doses given ≤12 months and Dose 3 given at ≥12 months.
 - See PCV Doses Required chart on next page for total doses required.
- Acceptable: 4-day grace period.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

PNEUMOCOCCAL CONJUGATE (PCV)

PCV Doses Required Chart

Doses before Age 12 months	Doses on or after Age 12 months	Status
3	1	Complete (If PCV7 given, needs one additional dose of PCV13)
2	1 (8 weeks after # 2)	Complete
0	2	Complete
1	2	Complete
1	1	Needs 1 dose 8 weeks after Dose 2
0	1	Needs 1 dose 8 weeks after Dose 1 If # 1 received at age ≤ 24 months
4	0	Needs 1 dose 8 weeks after Dose 4
3	0	Needs 1 dose 8 weeks after Dose 3
2	0	Needs 1 dose 8 weeks after Dose 2
1	0	Needs 2 doses (8 weeks apart) if age 12 - 24 months Needs 1 dose if age ≥ 24 - 59 months
0	0	Needs 2 doses (8 weeks apart) if age 12 - 24 months Needs 1 dose if age ≥ 24 - 59 months

Thanks to Jane Sheldon, RN, Immunization Coordinator and TB Control, Lewis County Public Health & Social Services, for the development of this useful chart.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

POLIO (IPV, OPV)

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against polio.

Routine schedule for IPV vaccine: 2 months, 4 months, 6-18 months, and 4-6 years.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before last				
	day of mo 2)	day of mo 4)	day of mo 6)	day of mo 15)	day of mo 18)
Polio (IPV or OPV)	1 dose	May	3 doses		

VACCINE	Kindergarten-2nd Grade	3rd-5th Grade	6th Grade	7th-12th Grade
Polio (IPV	4 doses (3 doses valid if 3 rd dose given ≥4 th birthday)			
or OPV)	The final dose given on or after August 7, 2009 must be given at a minimum of 4 years of age AND a minimum interval of 6 months from the previous dose.	4 doses (3 doses valid if 3 rd dose given ≥4 th birthday)		



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

POLIO (IPV, OPV)

- United States uses only IPV for routine polio vaccination, but students coming from a foreign country may get OPV.
- Complete series: any combination of 4 doses of IPV and OPV.
- Students ≥18 years not required to have polio vaccine.
- The Advisory Committee on Immunization Practices updated recommendations on August 7, 2009.
- For SY 2013-2014:
 - Kindergarten and new 2nd graders
 - If a student got Dose 4 on or after Aug 7, 2009
 - Dose 4 must be given ≥4 years of age
 - o Dose 4 must be separated from dose 3 by ≥6 months
 - o Dose 1 must be given >6 weeks of age
 - o ≥4 weeks must separate dose 1 and 2, and dose 2 and 3
 - Exception: If a student got 3 doses, and dose 3 given on or after the 4th birthday, dose 4 not required. >6 months must separate doses 2 & 3
 - If a student got Dose 4 before Aug 7, 2009
 - Dose 4 must be given >18 weeks of age
 - Dose 4 must be separated from dose 3 by >4 weeks
 - o >4 weeks must separate dose 1 and 2, and dose 2 and 3
 - o Dose 1 must be given ≥6 weeks of age
 - Exception: If a student got 3 doses, and dose 3 given on or after the 4th birthday, dose 4 not required. ≥4 weeks must separate dose 2 and 3
 - 3rd 12th graders
 - Dose 1 must be given >6 weeks of age
 - >4 weeks must separate dose 1 and 2, dose 2 and 3, and dose 3 and 4
 - Dose 4 must be given ≥18 weeks of age
 - Exception: If a student got 3 doses, and dose 3 given on or after the 4th birthday, dose 4 not required. <u>></u>4 weeks must separate dose 2 and 3
- The WA State Immunization Information System uses the August 7, 2009 date to calculate future doses (in its forecasting algorithm).
- Acceptable: 4-day grace period.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

VARICELLA

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against varicella (chickenpox).

Routine schedule for varicella vaccine: 12-15 months and 4-6 years of age.

Child Care/Preschool Entry

VACCINE	By 3 Months	By 5 Months	By 7 Months	By 16 Months	By 19 Months
	(on or before last	(on or before last	(on or before last	(on or before last	(on or before last
	day of mo 2)	day of mo 4)	day of mo 6)	day of mo 15)	day of mo 18)
Varicella	Not given before 12 months of age.			1 dose Required: if unvaccinated, health care provider must verify disease.	

VACCINE	Kindergarten-2 nd Grade	3 rd -5 th Grade	6 th Grade	7 th -12 th Grade
Varicella	2 doses OR Healthcare provider verifies disease		1 dose OR Parent verifies disease	Recommended, but not required.



GUIDELINES ON IMMUNIZATIONS REQUIRED FOR CHILD CARE/PRESCHOOL AND SCHOOL ATTENDANCE SCHOOL YEAR 2013-2014

VARICELLA

- If student got Dose 1 at <12 months of age, dose must be repeated. However, a 4-day grace period applies.
- Minimum interval between varicella and other live virus vaccines = ≥28 days. Minimum interval between Dose 1 and Dose 2 = ≥3 months.
 - o Exception: if Dose 2 given ≥28 days after Dose 1, Dose 2 need NOT be repeated.
- 4-day grace <u>DOES</u> apply between doses of the same live vaccine such as varicella and varicella.
 The 4 day grace period <u>DOES NOT</u> apply between Dose 1 and Dose 2 of different live vaccines, such as between MMR and varicella or between MMR and live flu vaccine.